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FIG. 1

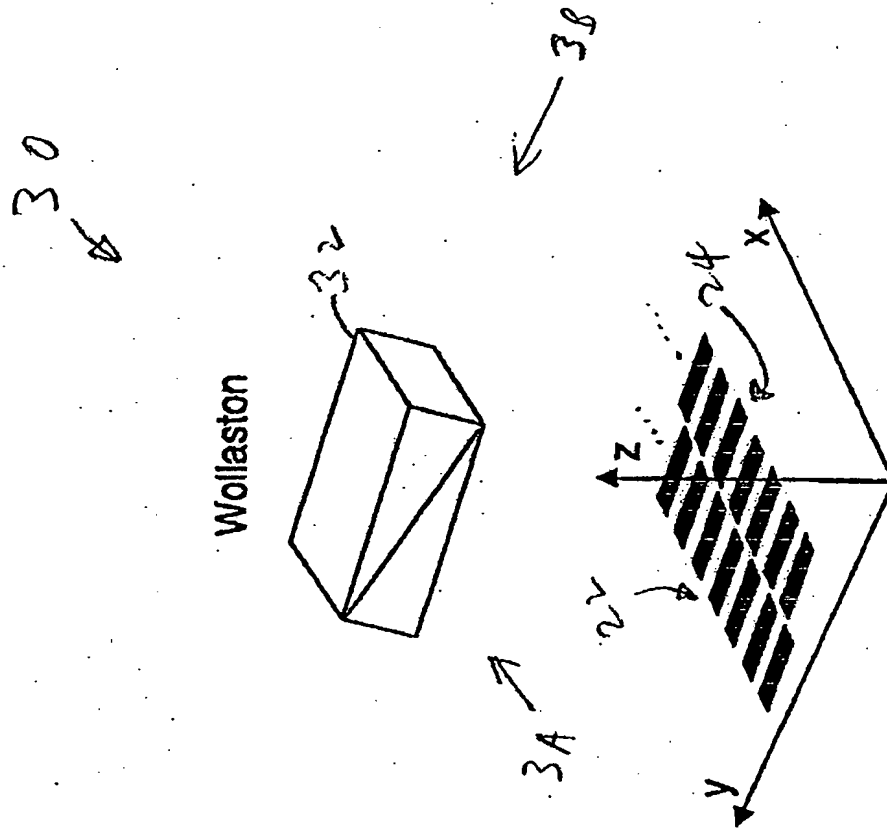


FIG. 2

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Front view

Side view

30

30

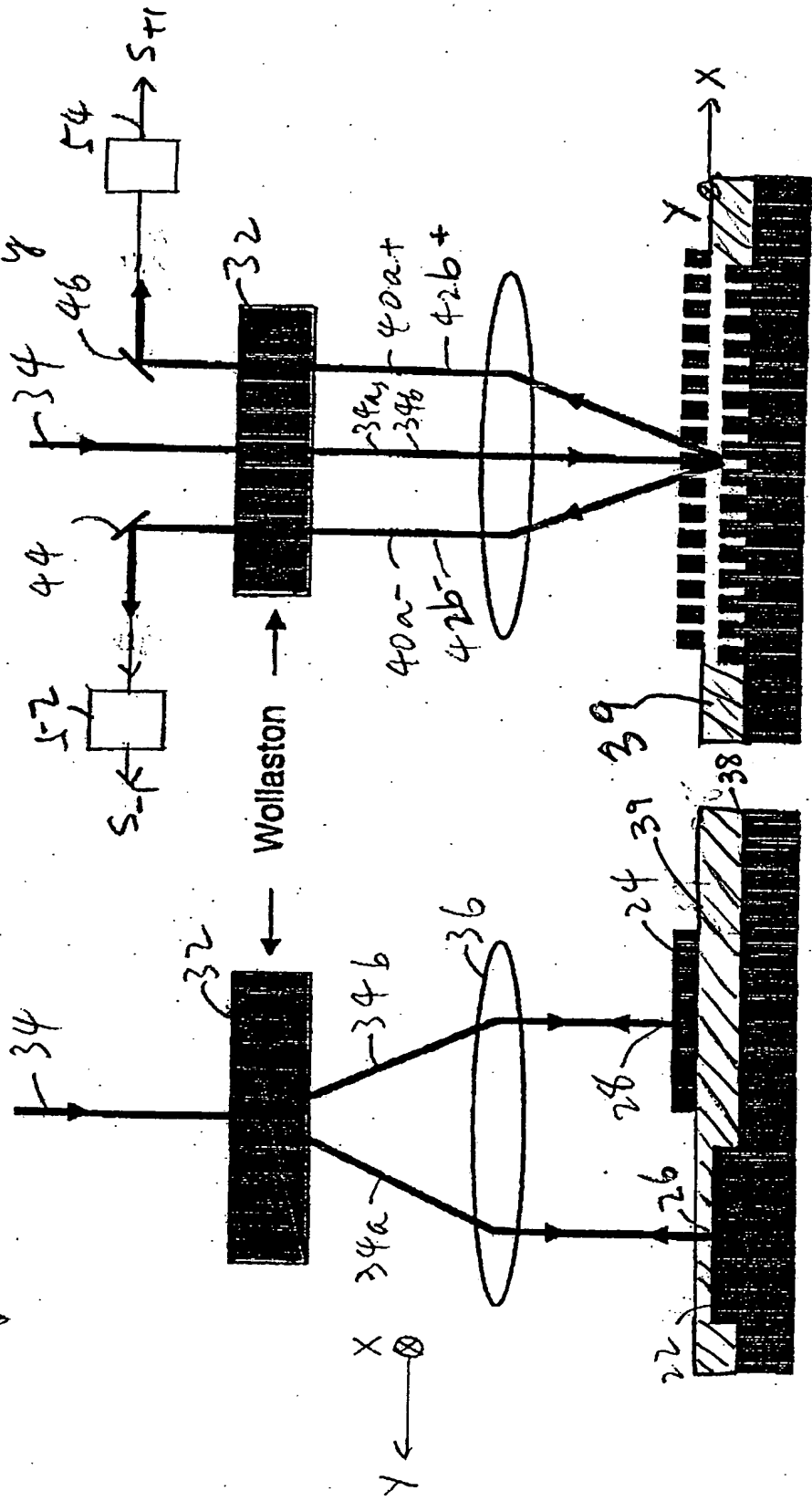
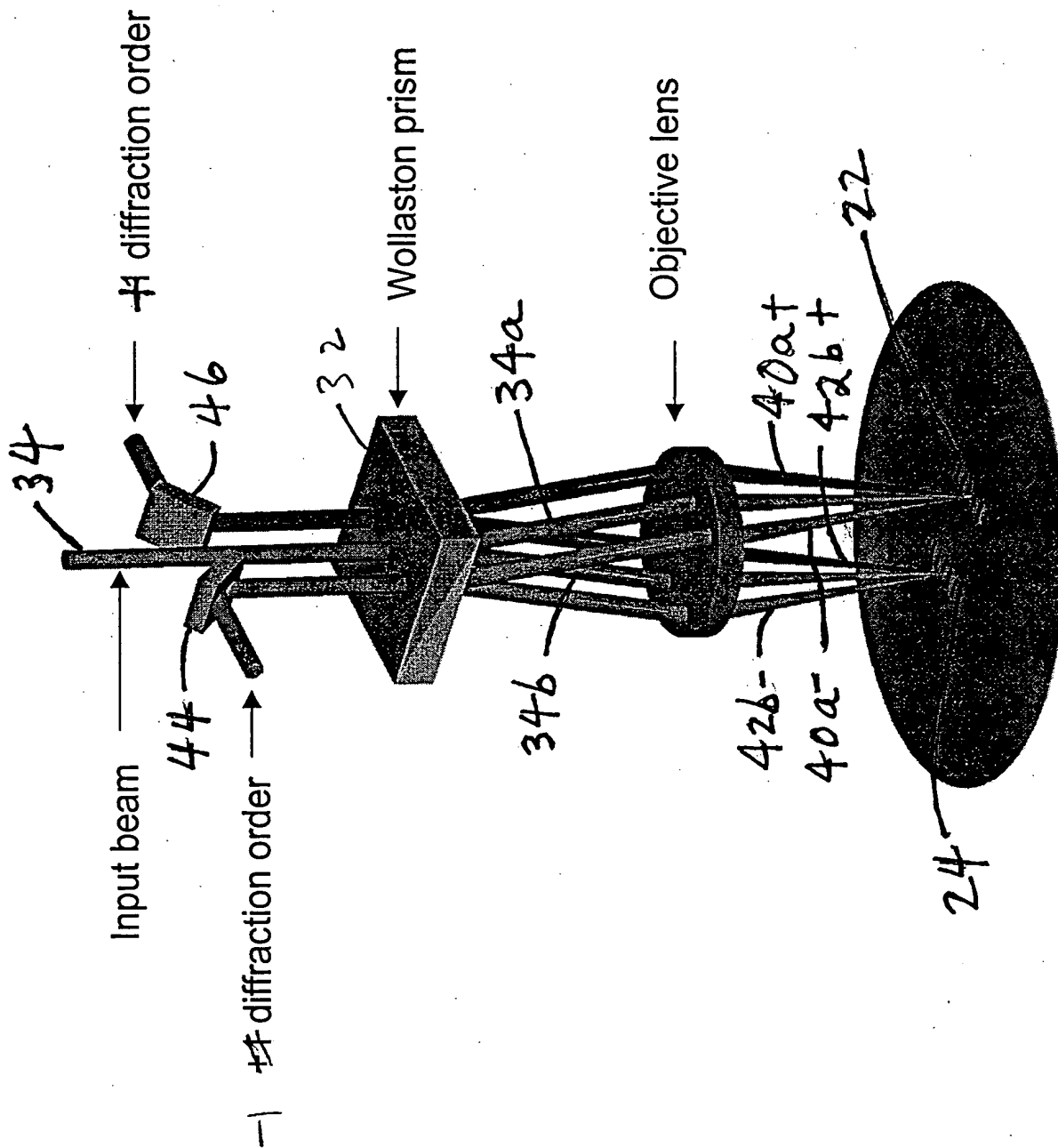


FIG. 3A BEST AVAILABLE COPY

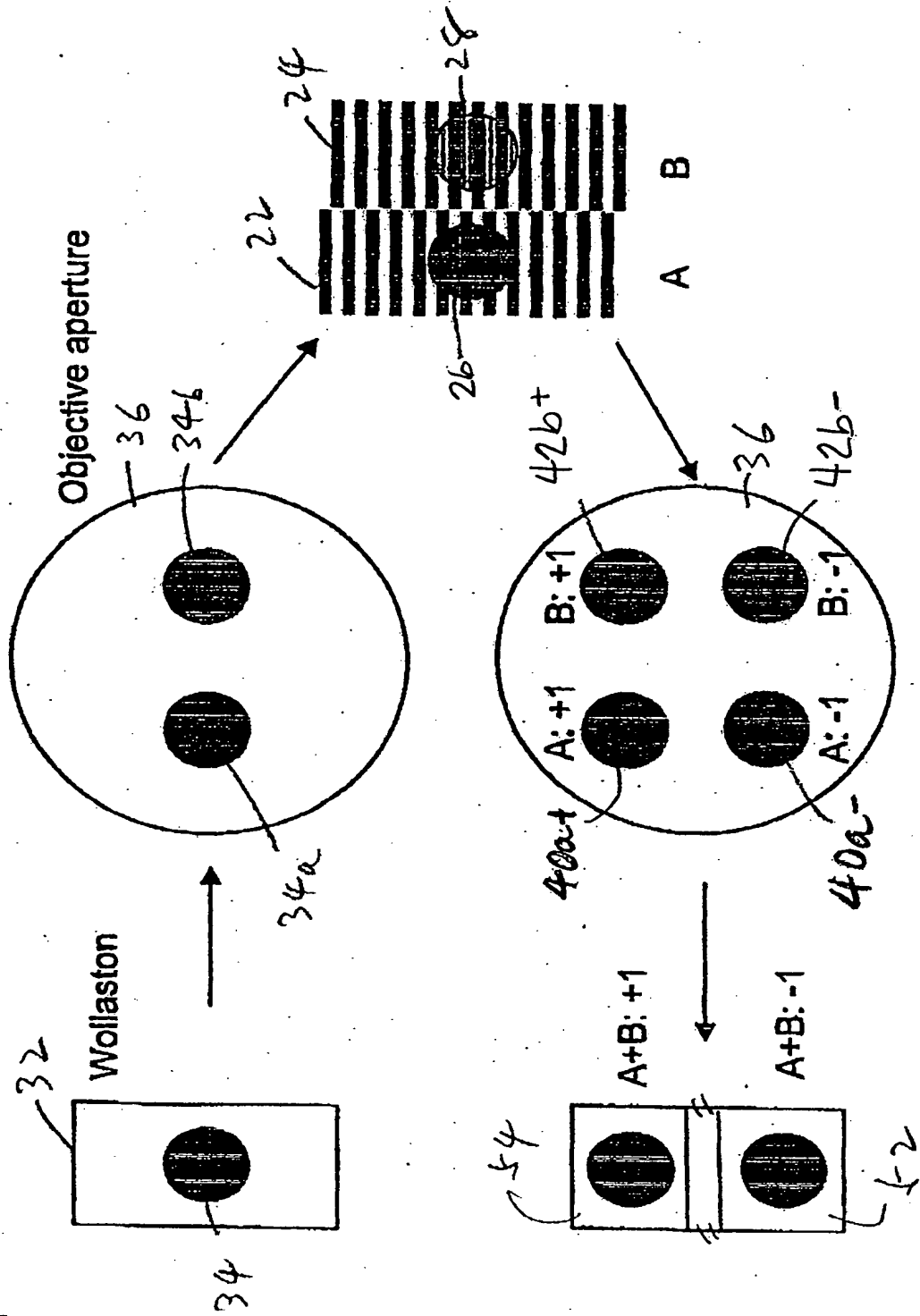
FIG. 3B



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FIG. 3C

# Optics train

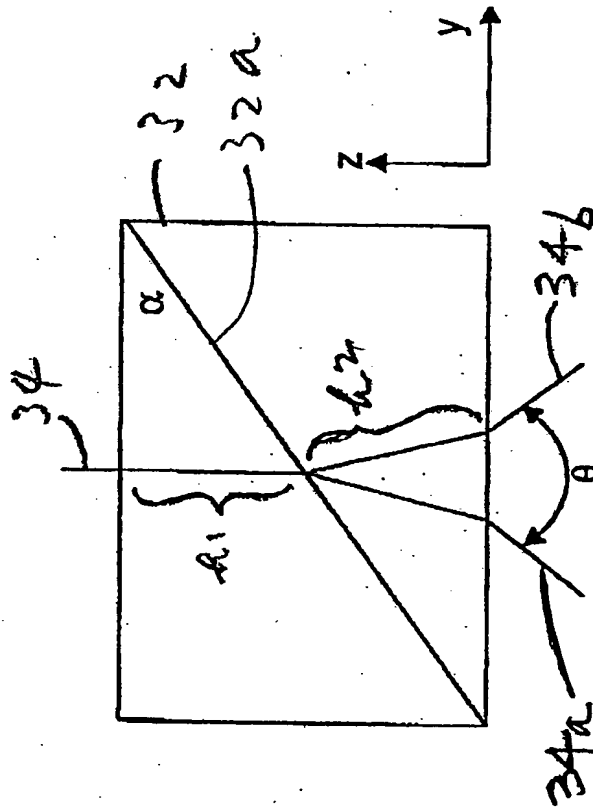


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FIG. 4

### Design parameters for Wollaston prism (for small angle)

565



## Overlay error calculation

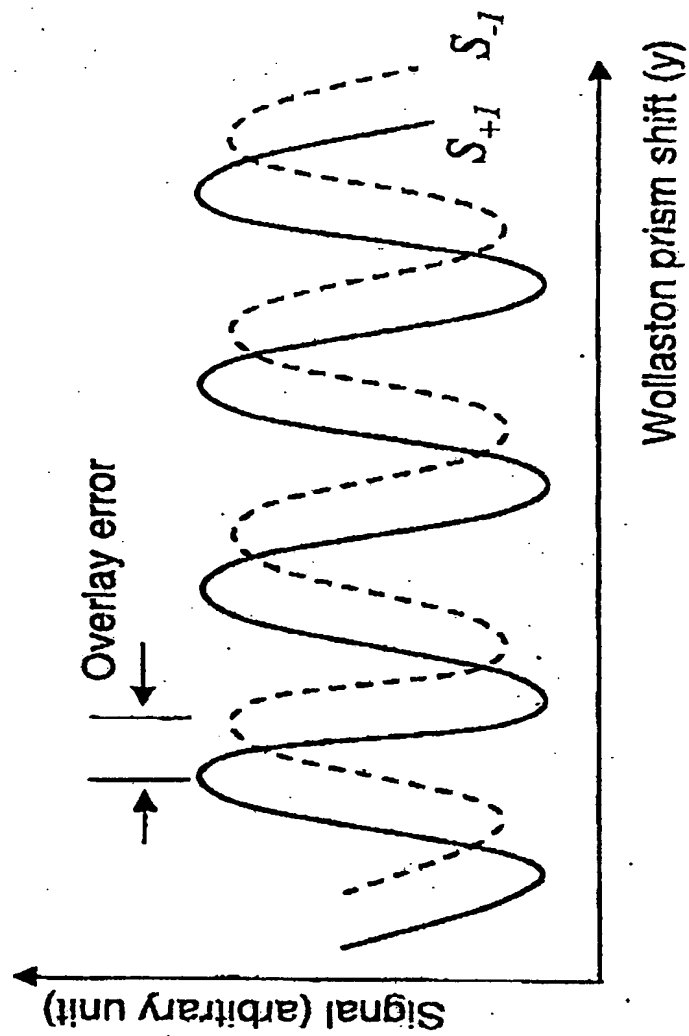


FIG. 6

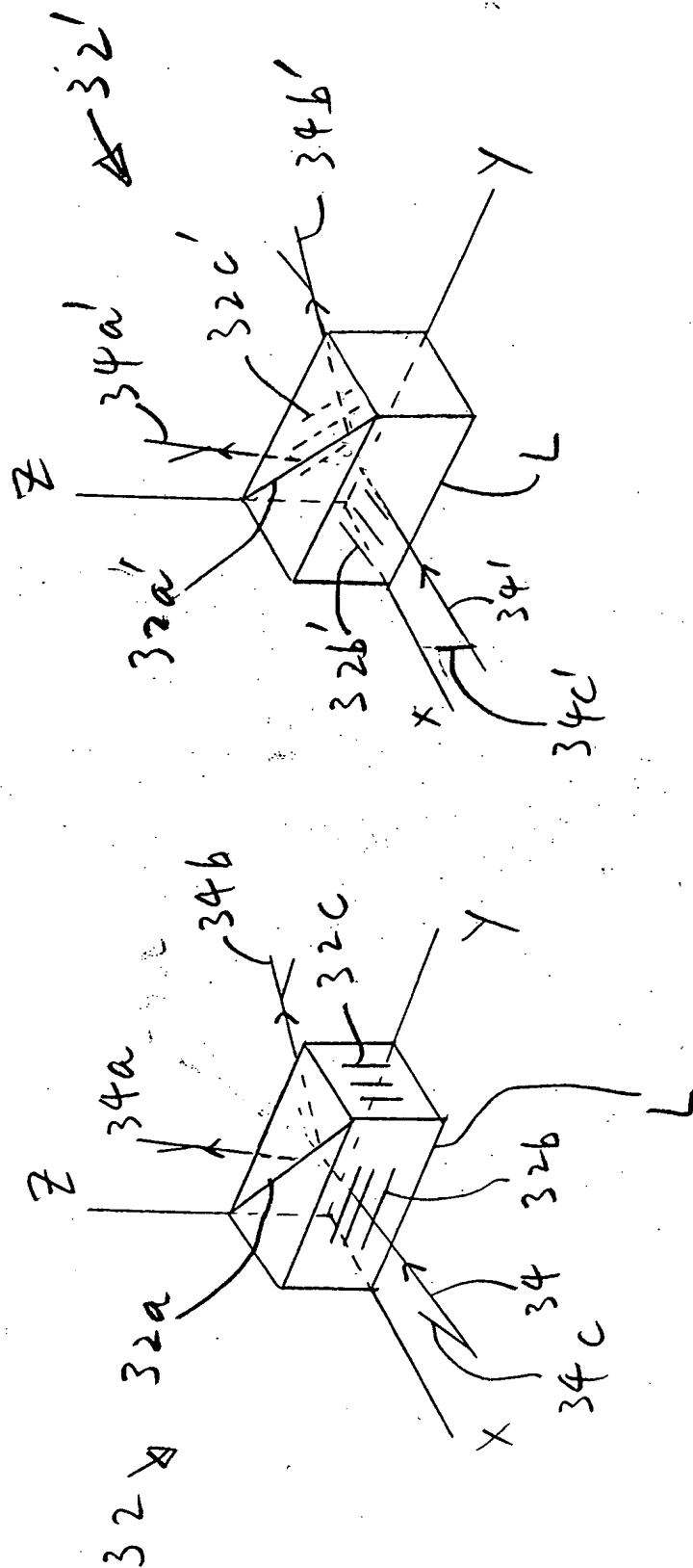
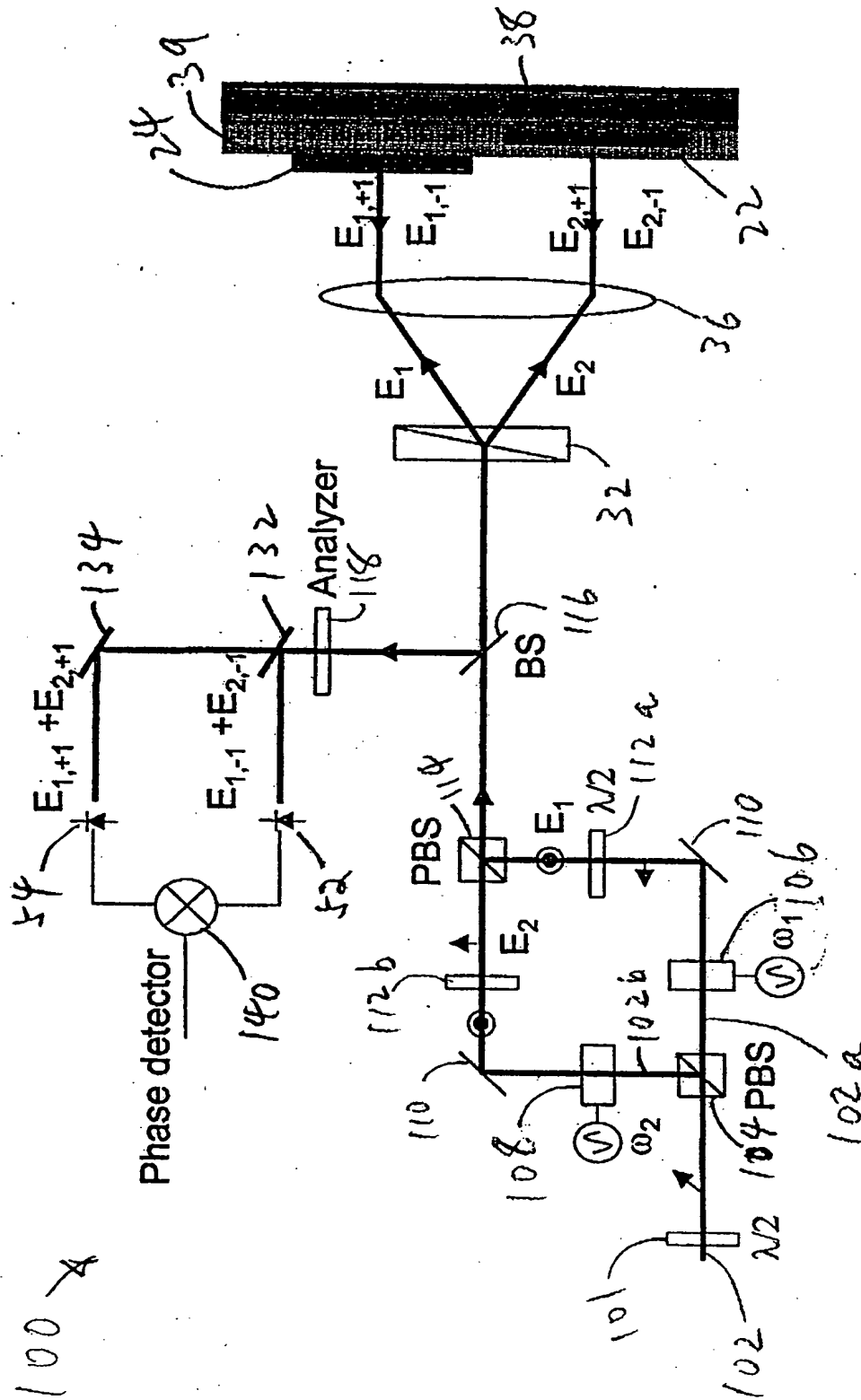


FIG. 7A

FIG. 7B

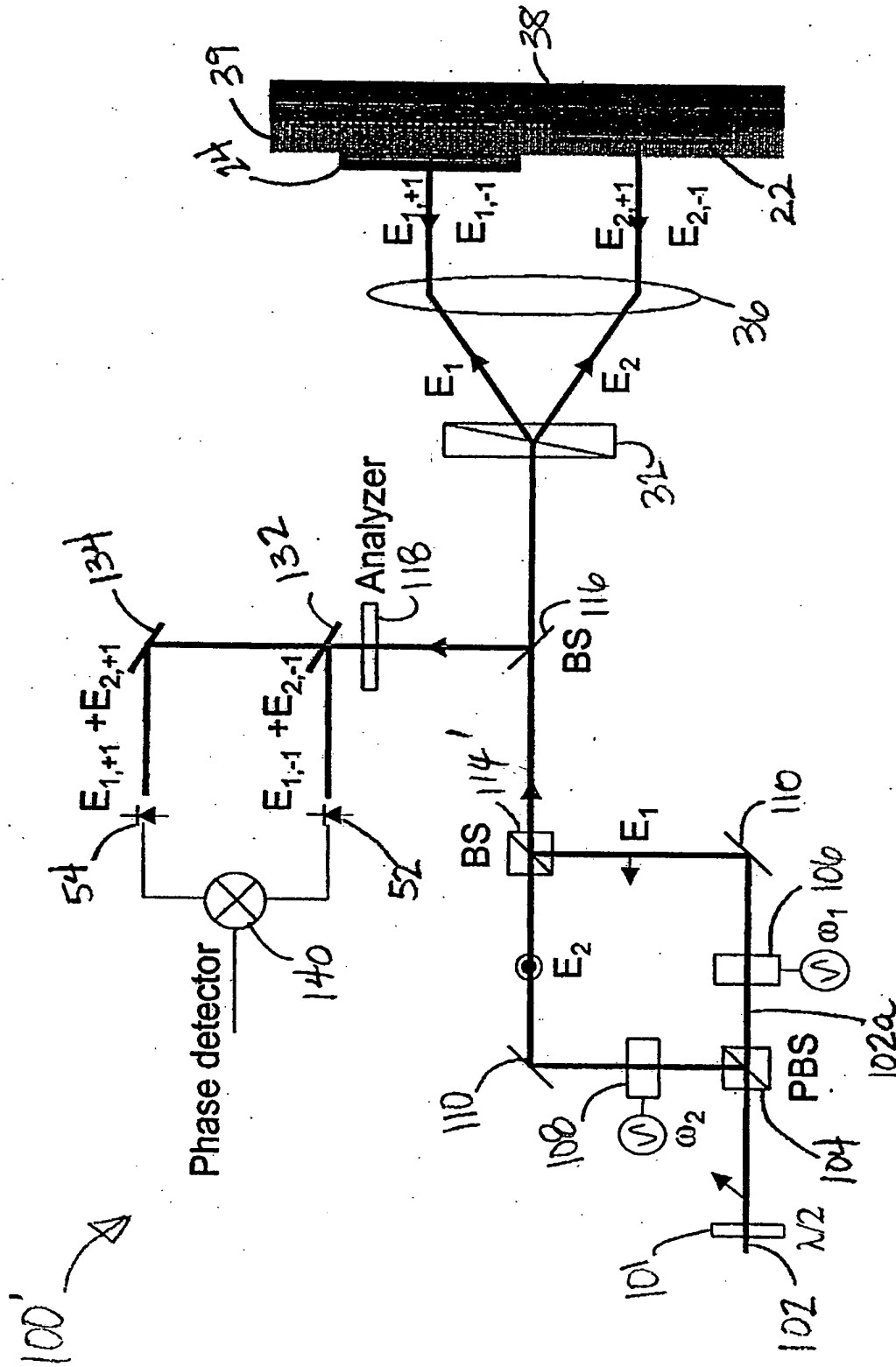


FIG. 8A



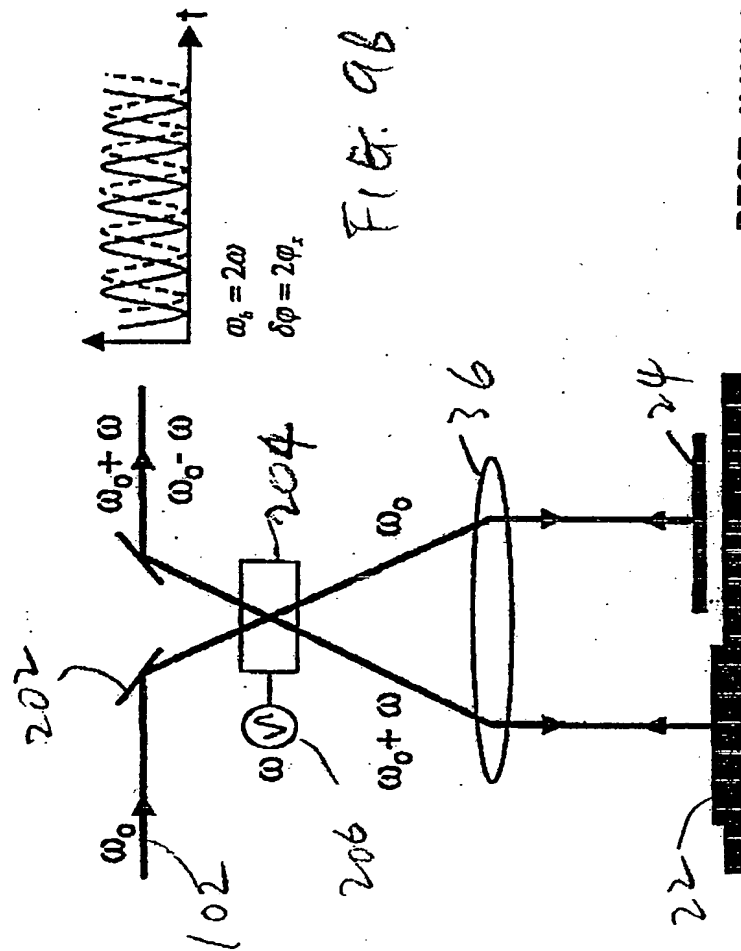
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Fig. 88



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## Single AOD Heterodyne detection



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Mercury Division

**KLA Tencor**

M. H. Korman  
2/24/2000

*Johnston* 02/2

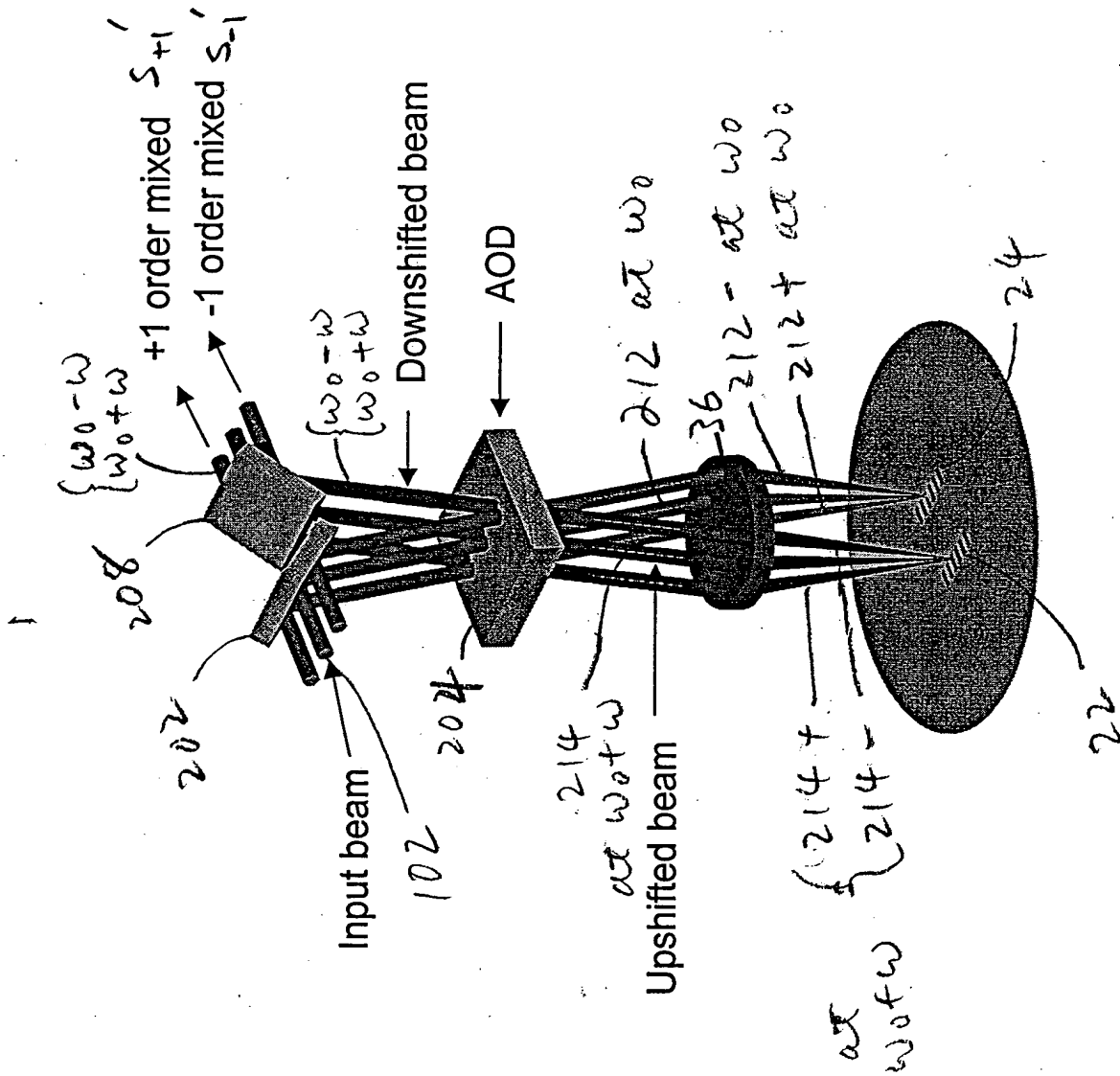


FIG. 9C

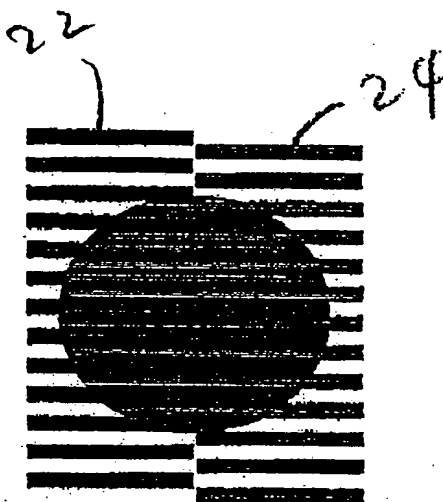


FIG. 10.

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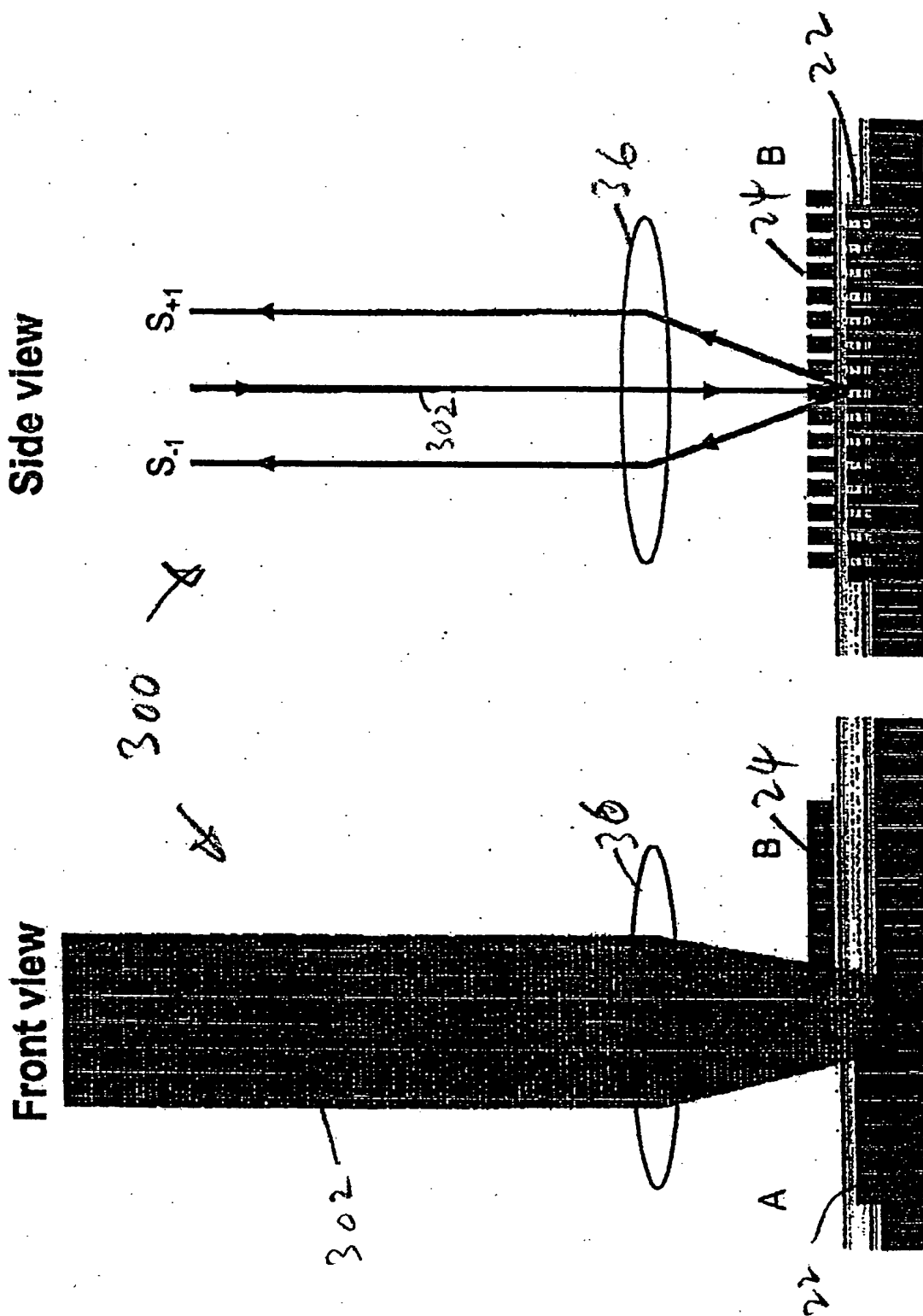


FIG. 11A

FIG. 11B

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Figure 2

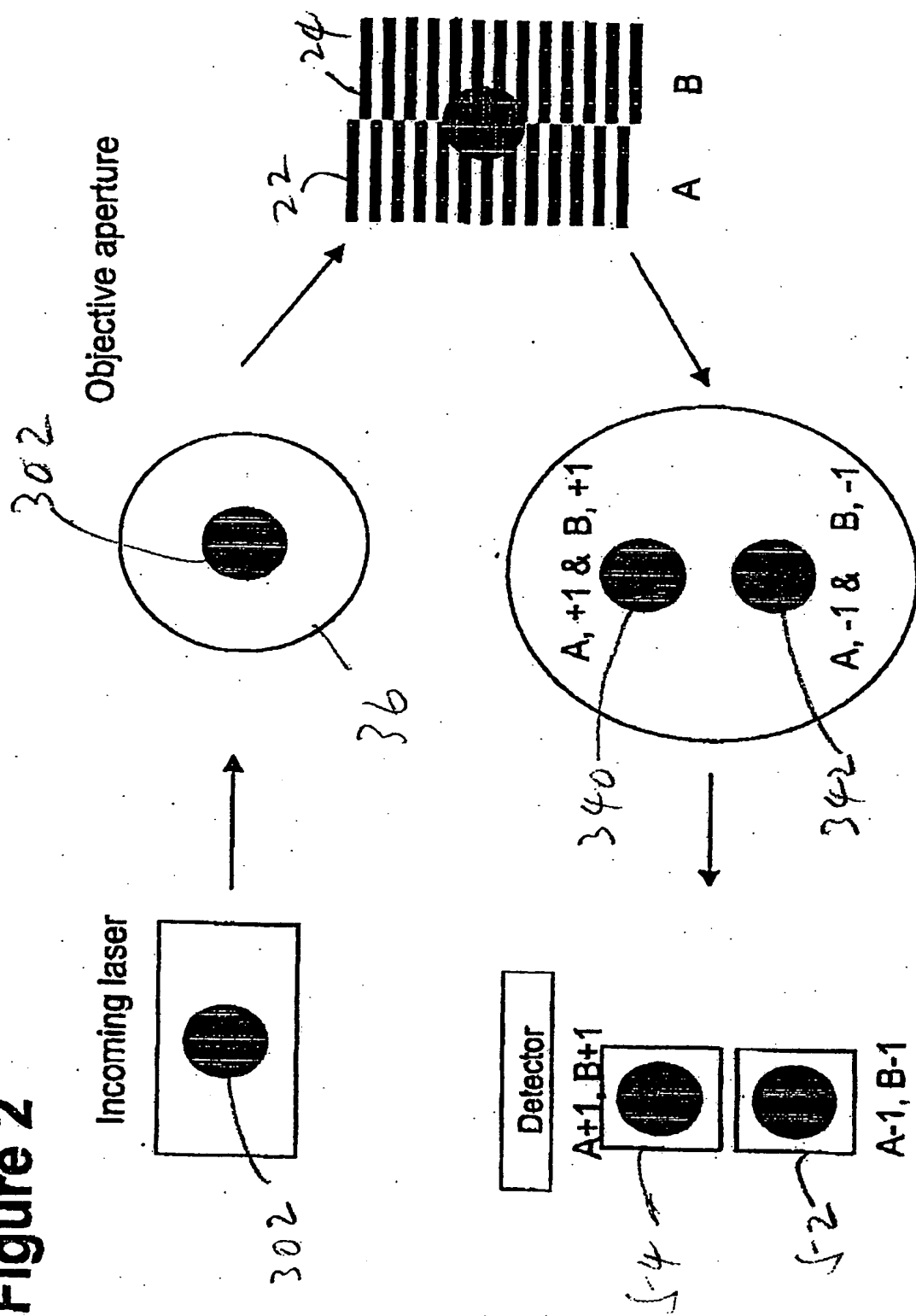
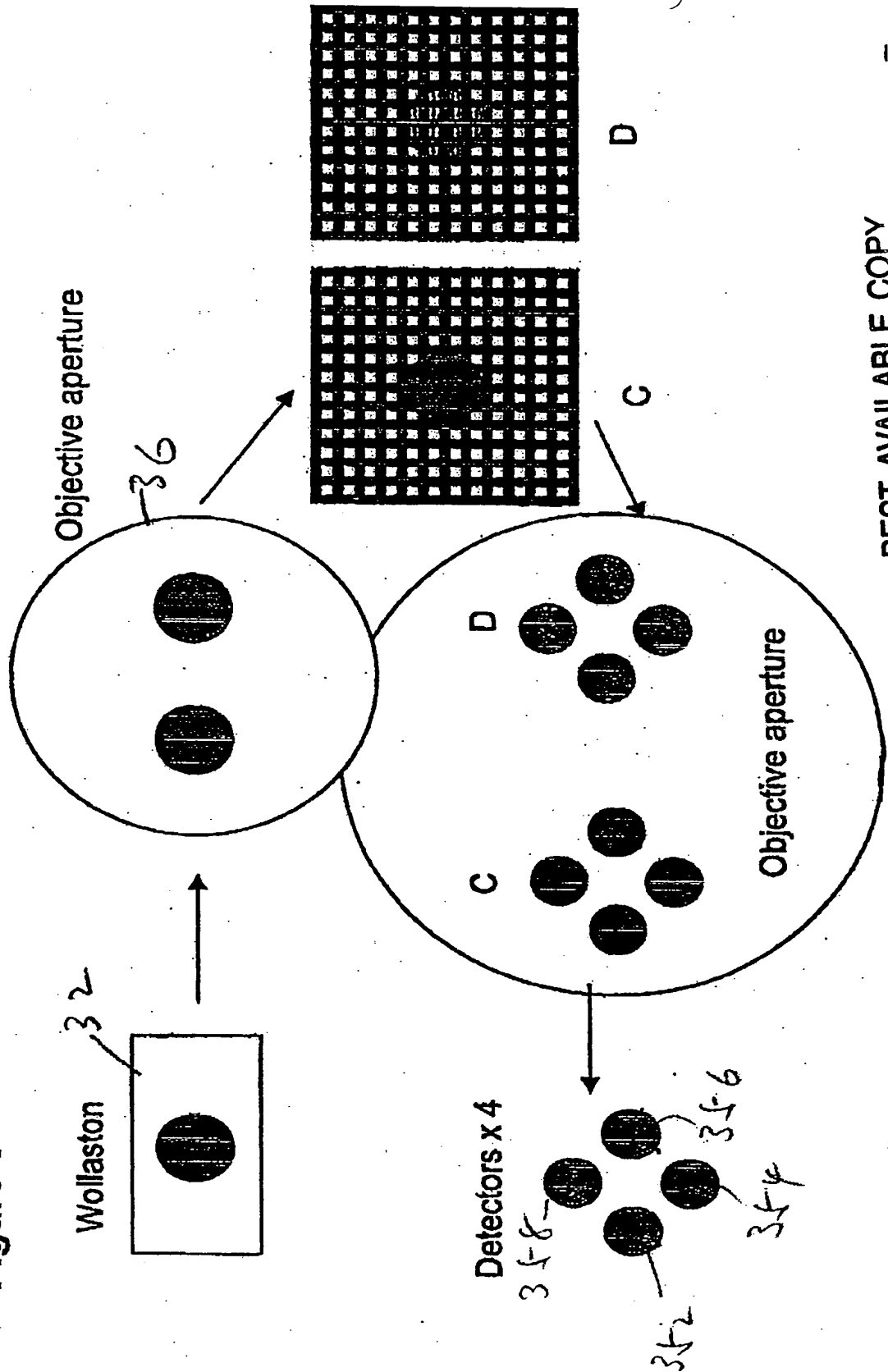


Figure 3



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Fig. 14

